

PCT09

## RAW SEQUENCE LISTING

DATE: 10/05/2001

PATENT APPLICATION: US/09/936,024

TIME: 09:36:05

Input Set : A:\X-12799 Seq List.txt

Output Set: N:\CRF3\10052001\I936024.raw

ENTERED

3 <110> APPLICANT: Witcher, Derrick  
 4 Rathnachalam, Radhakrishnan  
 5 Gonzales-DeWhitt, Patricia  
 6 Micanovic, Radmila  
 7 Becker, Gerald W.  
 8 Hale, John E.  
 9 Tschang, Sheng-Hung R.  
 10 Cohen, Fredric J.  
 11 Newton, Christy M.  
 12 Noblitt, Timothy W.  
 13 Wroblewski, Victor, J.  
 15 <120> TITLE OF INVENTION: FLINT Polypeptide Analogs  
 17 <130> FILE REFERENCE: X-12799  
 C--> 19 <140> CURRENT APPLICATION NUMBER: US/09/936,024  
 C--> 20 <141> CURRENT FILING DATE: 2001-09-07  
 22 <160> NUMBER OF SEQ ID NOS: 4  
 24 <170> SOFTWARE: PatentIn Ver. 2.0  
 26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 271  
 28 <212> TYPE: PRT  
 29 <213> ORGANISM: Homo sapiens  
 31 <400> SEQUENCE: 1  
 32 Val Ala Glu Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu  
 33 1 5 10 15  
 35 Arg Leu Val Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro  
 36 20 25 30  
 38 Cys Arg Arg Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His  
 39 35 40 45  
 41 Tyr Thr Gln Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val  
 42 50 55 60  
 44 Leu Cys Gly Glu Arg Glu Glu Glu Ala Arg Ala Cys His Ala Thr His  
 45 65 70 75 80  
 47 Asn Arg Ala Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe  
 48 85 90 95  
 50 Cys Leu Glu His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro  
 51 100 105 110  
 53 Gly Thr Pro Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr  
 54 115 120 125  
 56 Phe Ser Ala Ser Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn  
 57 130 135 140  
 59 Cys Thr Ala Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His  
 60 145 150 155 160  
 62 Asp Thr Leu Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val  
 63 165 170 175  
 65 Pro Gly Ala Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe  
 66 180 185 190  
 68 Gln Asp Ile Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu

## RAW SEQUENCE LISTING

DATE: 10/05/2001

PATENT APPLICATION: US/09/936,024

TIME: 09:36:05

Input Set : A:\X-12799 Seq List.txt

Output Set: N:\CRF3\10052001\I936024.raw

```

69          195          200          205
71 Ala Pro Glu Gly Trp Gly Pro Thr Pro Arg Ala Gly Arg Ala Ala Leu
72          210          215          220
74 Gln Leu Lys Leu Arg Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp
75 225          230          235          240
77 Gly Ala Leu Leu Val Arg Leu Leu Gln Ala Leu Arg Val Ala Arg Met
78          245          250          255
80 Pro Gly Leu Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His
81          260          265          270
84 <210> SEQ ID NO: 2
85 <211> LENGTH: 813
86 <212> TYPE: DNA
87 <213> ORGANISM: Homo sapiens
89 <400> SEQUENCE: 2
90 gtggcagaaa caccaccta cccctggcgg gacgcagaga caggggagcg gctggtgtgc 60
91 gccagtgcc cccagggcac ctttgtgcag cggccgtgcc gccgagacag cccacgacg 120
92 tgtggcccg gtccaccgcg ccaactacag cagtcttgga actacctgga gcgctgccgc 180
93 tactgcaacg tcctctgcgg ggagcgtgag gaggaggcac gggcttgcca cgccaccac 240
94 aaccgtgctt gccgctgccg caccggcttc ttgcgcacag ctggtttctg cttggagcac 300
95 gcatcgtgtc cacctggtgc cggcgtgatt gccccgggca cccccagcca gaacacgcag 360
96 tgccagccgt gccccccagg cacccttctc gccagcagct ccagctcaga gcagtgccag 420
97 cccacccgca actgcacggc cctgggcctg gccctcaatg tgccaggctc ttctcccat 480
98 gacaccctgt gcaccagctg cactggcttc cccctcagca ccagggtacc aggagctgag 540
99 gagtgtgagc gtgccgtcat cgactttgtg gctttccagg acatctccat caagaggctg 600
100 cagcggctgc tgcaggccct cgaggccccg gagggctggg gtccgacacc aagggcgggc 660
101 cgcgcggcct tgcagctgaa gctgcgtcgg cggtcacagg agctcctggg ggcgaggac 720
102 ggggcgctgc tgggtcggtc gctgcaggcg ctgcgcgtgg ccaggatgcc cgggctggag 780
103 cggagcgtcc gtgagcgctt cctccctgtg cac 813
105 <210> SEQ ID NO: 3
106 <211> LENGTH: 300
107 <212> TYPE: PRT
108 <213> ORGANISM: Homo sapiens
110 <400> SEQUENCE: 3
111 Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val Leu
112 1          5          10          15
114 Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly Val Ala Glu
115          20          25          30
117 Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu Arg Leu Val
118          35          40          45
120 Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro Cys Arg Arg
121          50          55          60
123 Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His Tyr Thr Gln
124 65          70          75          80
126 Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val Leu Cys Gly
127          85          90          95
129 Glu Arg Glu Glu Glu Ala Arg Ala Cys His Ala Thr His Asn Arg Ala
130          100          105          110
132 Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe Cys Leu Glu
133          115          120          125

```

## RAW SEQUENCE LISTING

DATE: 10/05/2001

PATENT APPLICATION: US/09/936,024

TIME: 09:36:05

Input Set : A:\X-12799 Seq List.txt

Output Set: N:\CRF3\10052001\I936024.raw

```

135 His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro Gly Thr Pro
136      130      135      140
138 Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr Phe Ser Ala
139 145      150      155      160
141 Ser Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn Cys Thr Ala
142      165      170      175
144 Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His Asp Thr Leu
145      180      185      190
147 Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val Pro Gly Ala
148      195      200      205
150 Glu Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe Gln Asp Ile
151      210      215      220
153 Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu Ala Pro Glu
154 225      230      235      240
156 Gly Trp Gly Pro Thr Pro Arg Ala Gly Arg Ala Ala Leu Gln Leu Lys
157      245      250      255
159 Leu Arg Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp Gly Ala Leu
160      260      265      270
162 Leu Val Arg Leu Leu Gln Ala Leu Arg Val Ala Arg Met Pro Gly Leu
163      275      280      285
165 Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His
166      290      295      300
169 <210> SEQ ID NO: 4
170 <211> LENGTH: 29
171 <212> TYPE: PRT
172 <213> ORGANISM: Homo sapiens
174 <400> SEQUENCE: 4
175 Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val Leu
176 1      5      10      15
178 Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly
179      20      25

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/936,024

DATE: 10/05/2001

TIME: 09:36:07

Input Set : A:\X-12799 Seq List.txt

Output Set: N:\CRF3\10052001\I936024.raw

L:19 M:270 C: Current Application Number differs, Replaced Application Number

L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date